



# NEW JERSEY WEEKLY CROP WEATHER

New Jersey

Agricultural Statistics Service

In Cooperation With:

- U.S. Department of Agriculture
- National Agricultural Statistics Service
- Agricultural Marketing Service
- U.S. Department of Commerce/N.O.A.A.
- Rutgers University

**NOAA WEATHER RADIO STATIONS**

- Allentown**  
WXL-39 on the VHF-FM  
frequency of 162.40 Megahertz.
- Atlantic City**  
KHB-38 on the VHF-FM  
frequency of 162.40 Megahertz.
- New York City**  
KWO-35 on the VHF-FM  
frequency of 160.55 Megahertz.
- Philadelphia**  
KIH-28 on the VHF-FM  
frequency of 162.475 Megahertz.

**NEW JERSEY AUCTIONS**

- Vineland**  
Phone: (856)691-0721  
Sales 10:00AM Daily except Sunday.
- Landisville**  
Phone: (856)697-2273  
Direct Sales Daily
- Swedesboro**  
Phone: (856)476-0313
- Hightstown**  
Phone: (609)448-0193  
Auction Sales Mon-Wed-Fri-7pm

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania  
Issued by Rutgers University New Brunswick NJ  
7 am EDT Monday, August 1, 2005**

Rainfall amounts, scattered totals of a quarter of an inch are possible this afternoon and again Tuesday afternoon, otherwise none through Tuesday.

Winds for spraying, southwest 5 to 10 mph today, southwest 5 mph tonight, northwest 5 to 10 mph Tuesday.

Relative humidity in percent, 40 to 50 today, 90 to 100 tonight, 40 to 50 Tuesday.

Dew points, 65 to 70 through Tuesday.

Drying conditions, fair to good today and again Tuesday.

Frost freeze or dew, moderate dew as well as scattered wetting in a shower both tonight and Tuesday night.

Percent of possible sunshine, 60 today, 60 Tuesday.

There is a 30 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Conditions do not appear favorable for the occurrence of cranberry scald today and Tuesday.

Hay cutting will see fairly good conditions for the next several days but with a slight chance of an afternoon thundershower both this afternoon and Tuesday afternoon.

Soil moisture is now below 50 percent over much of the state with the exception of extreme south New Jersey. The need for irrigation will remain high for most of the week with only some scattered afternoon thundershowers.

The latest 8 to 14 day outlook for the period August 8, 2005 through August 14, 2005, is calling for temperatures to average near normal and precipitation to total below normal.

**Climate summary for the week ending 8 am August 1, 2005**

Temperatures averaged above normal, averaging 76 degrees north, 78 degrees central, and 78 degrees south. Extremes were 99 degrees at Canoe Brook and Pomona on July 28, 2005, and 57 degrees at Newton on July 30, 2005.

Weekly rainfall averaged 0.32 inches north, 0.25 inches central, and 0.95 inches south. The heaviest 24 hour total reported was 1.59 inches at Cape May Courthouse on July 30, 2005, through July 31, 2005.

Estimated soil moisture, in percent of field capacity, this past week averaged 64 percent north, 50 percent central, and 47 percent south.

Four inch soil temperatures averaged 75 degrees north, 77 degrees central, and 78 degrees south.

**Weather Summary for the Week Ending 8 am Monday, August 1, 2005**

Weather Stations	Rainfall			Temperatures				Growing Degree Days		Soil Moisture
	Last Week	Since March 1		Last Week				1/		
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -			- Degrees -				- Base 50°F -			
<b>NORTH</b>										
Belvidere Bridge	Data Not Available									
Canoe Brook	.23	17.94	-2.87	99	62	78	4	1967	396	59
Charlotteburg	.31	20.30	-.67	92	59	75	3	1617	405	54
Flemington	.25	22.72	2.56	96	61	77	3	1854	237	57
Newton	.49	17.29	-1.95	91	57	74	1	1743	317	64
<b>CENTRAL</b>										
Freehold	.11	22.46	2.92	97	62	77	2	1859	125	52
Long Branch	.40	21.56	2.14	92	64	76	1	1824	168	44
New Brunswick	.14	22.50	2.98	97	62	78	3	1943	121	64
Toms River	.58	22.63	2.57	97	64	78	3	1798	136	39
Trenton	.00	20.62	1.93	98	62	80	3	1976	79	22
<b>SOUTH</b>										
Cape May C.H.	2.26	20.70	3.43	95	66	77	1	1615	-155	93
Downstown	.53	17.21	-1.04	96	64	78	1	1864	-45	44
Glassboro	.00	18.05	-1.18	98	65	79	3	2100	217	26
Hammonton	.54	19.35	.05	97	62	76	0	1923	41	37
Pomona	1.76	19.50	2.11	99	64	77	2	1831	76	87
Seabrook	.61	18.55	.89	98	67	79	2	2126	210	45
South Harrison	.60	22.77	3.32	95	66	78	NA	1992	NA	NA

\*Departure from normal.  
1/ Growing degree days since March 1, 2005, total and departure from normal or long term average.  
2/ Estimated soil moisture as % of field capacity based on climate data.

## Peach and Vegetable Harvest Activities Continue

Outdoor activities included cutting and baling hay, spraying, irrigating, picking peaches, apple thinning, harvesting vegetables and planting fall vegetables. Days suitable for field work, for the week ending Sunday, July 31, 2005, were 6.7. Topsoil moisture was rated 45% short and 55% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall in many parts of the state. Temperatures were above normal the beginning of the week, but by midweek fell to below normal, across most of the state. Third cutting of hay continued. There was a report of European corn borers in some northern corn fields. Field corn had begun to dough in the southern district. Soybean fields began to set pods in the southern district. Field crops rated in mostly good condition across the state. Harvest of broccoli, cantaloup, eggplant, snap beans, cucumbers, pepper, squash, sweet corn, and tomatoes continued in the state. Potato harvest began in the northern and southern districts. Excessive rains may cause quality problems in central New Jersey. Lima beans were in full flower in the south. Vegetables rated in good to excellent condition. Peach harvest continued across the state and was rated in good condition. Cranberries began to size. Pasture was rated in mostly fair to good condition.

### JERSEY FRESH AVAILABILITY FOR AUGUST 1, 2005

**Arugula & Cilantro** - Harvesting fair to good quality in light volume with the increased temperatures.

**Baby Arugula & Baby Spinach** - Harvesting in good quality and volume. Not as affected by the heat.

**Basil** - Harvesting in good quantity and quality.

**Beets** - Harvesting in good quantity and quality.

**Blueberries** - Thunderstorms in each of the last several weeks have had an adverse effect upon the declining season's fruit. A light volume of the Bluecrop variety is finishing up, but the late variety Elliott is starting to become available for a few weeks in fair volume. Fruit quality is good.

**Cabbage** - Harvesting in good quantity and quality.

**Cantaloupes** - Harvesting in good quantity and quality.

**Collards & Kale** - Harvesting in good quantity and quality.

**Cucumbers & Pickles** (Kirby cucumbers) - Harvesting both in good quantity and quality.

**Dandelions** - Spring planted Pasquale variety available in good quantity and quality.

**Dill** - Harvesting Dill in fair to good quality and light quantity with the increased temperatures.

**Eggplant** - Harvesting Italian and Asian varieties in good quantity and quality.

**Greens** - Good quality and quantities harvested of Kholrabi, Mustard, and Swiss Chard.

**Green Onions & Leeks** - Spring planted varieties are now available in good quality and quantity.

**Nectarines** - The early variety Eastern Glo is available in good volume with good quality. Good size, flavor, and finish are expected.

**Okra** - Harvesting in good quality and quantity. Available until mid-September.

**Parsley** - Harvesting in good quantity and quality.

**Peaches** - Finishing up the early yellow varieties such as Sentry and Garnet Beauty and we're almost halfway into this season. Red Haven, Flamin Fury, and John Boy varieties are now available in volume. Fruit quality and flavor are very good. Fruit size is excellent this year due to a lighter fruit set, aggressive thinning, and recent fruit growth. White peaches started with the White Lady variety last week with volume expected later this week. The newer white peach varieties have the look and flavor that consumers desire and the shelf life that allows you to get the peaches to them. We'll have a volume of good quality peaches until mid-September.

**Peppers** - Harvesting in good quantity and quality.

**Squash** - Harvesting good quality Yellow and Zucchini in fair to good quantities.

**Sweet Corn** - Harvesting in good quantity and quality. Just past the peak of the season. Good wholesale availability until at least Labor Day. Quantity and quality varies after that due to fall insect pressures.

**Tomatoes & Plum Tomatoes** - Harvesting both in good quantity and quality.

**White Potatoes** - Harvesting a fair to increasing volume of the redskin variety Norland and Superior round variety. There will be a large crop of good quality potatoes this year. Source your New Jersey white potatoes in their distinctive "Jersey Fresh" bags. A number of chain stores have made large displays of these in the past and they've sold quite well.